Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
Data File : BF137236.D
Acq On : 01 Feb 2024 17:23
Operator : CG\JU
Sample : P1307-15MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 01 17:45:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TR-614-COMP-03MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
02/02/2024

Supervised By :Sohil Jodhani
02/02/2024

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	65069	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	242589	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	134671	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	227021	20.000	ng		0.00
76) Chrysene-d12	13.968	240	149180	20.000	ng		0.00
86) Perylene-d12	15.451	264	165545	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	377507	95.732	ng		0.02
7) Phenol-d6	6.428	99	510496	90.713	ng		0.00
23) Nitrobenzene-d5	7.357	82	353650	65.269	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	139374	91.639	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	589720	60.196	ng		0.00
79) Terphenyl-d14	12.916	244	524832	47.827	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	67285	31.889	ng		98
3) Pyridine	3.381	79	158730	37.843	ng		98
4) n-Nitrosodimethylamine	3.351	42	84691	40.473	ng		98
6) Aniline	6.457	93	139595	23.172	ng		94
8) 2-Chlorophenol	6.575	128	179427	40.694	ng		98
9) Benzaldehyde	6.345	77	65951	30.773	ng		96
10) Phenol	6.445	94	244143	38.866	ng		99
11) bis(2-Chloroethyl)ether	6.534	93	172343	41.054	ng		98
12) 1,3-Dichlorobenzene	6.734	146	197935	38.288	ng		98
13) 1,4-Dichlorobenzene	6.810	146	207346	38.782	ng		97
14) 1,2-Dichlorobenzene	6.957	146	191383	38.285	ng		99
15) Benzyl Alcohol	6.934	79	178139	44.556	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.063	45	269614	35.653	ng		99
17) 2-Methylphenol	7.045	107	151524	41.135	ng		97
18) Hexachloroethane	7.298	117	74290	38.527	ng		92
19) n-Nitroso-di-n-propyla...	7.210	70	148001	38.357	ng		95
20) 3+4-Methylphenols	7.198	107	189329	40.601	ng		94
22) Acetophenone	7.204	105	268001	41.036	ng	#	96
24) Nitrobenzene	7.375	77	222214	42.254	ng		97
25) Isophorone	7.610	82	397315	39.727	ng		99
26) 2-Nitrophenol	7.686	139	90957	44.844	ng		89
27) 2,4-Dimethylphenol	7.728	122	124757	43.642	ng		99
28) bis(2-Chloroethoxy)met...	7.828	93	221882	41.777	ng		99
29) 2,4-Dichlorophenol	7.928	162	152302	42.947	ng		98
30) 1,2,4-Trichlorobenzene	8.010	180	178768	40.583	ng		98
31) Naphthalene	8.092	128	523389	39.909	ng		99
32) Benzoic acid	7.851	122	94555	47.173	ng		90
33) 4-Chloroaniline	8.145	127	29967	6.643	ng		95
34) Hexachlorobutadiene	8.210	225	120979	41.304	ng		97
35) Caprolactam	8.516	113	47379m	42.967	ng		
36) 4-Chloro-3-methylphenol	8.628	107	174778	41.727	ng		96
37) 2-Methylnaphthalene	8.786	142	351647	39.995	ng		98
38) 1-Methylnaphthalene	8.881	142	335559	41.090	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	188478	41.826	ng		99
41) Hexachlorocyclopentadiene	8.939	237	211557	98.571	ng		97
43) 2,4,6-Trichlorophenol	9.063	196	114838	44.930	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	126423	45.252	ng	98
46) 1,1'-Biphenyl	9.251	154	448133	41.824	ng	99
47) 2-Chloronaphthalene	9.275	162	330546	41.685	ng	98
48) 2-Nitroaniline	9.369	65	115298	44.924	ng	93
49) Acenaphthylene	9.686	152	524865	41.346	ng	100
50) Dimethylphthalate	9.557	163	386729	42.507	ng	99
51) 2,6-Dinitrotoluene	9.616	165	86739	44.709	ng	93
52) Acenaphthene	9.863	154	316584	42.433	ng	99
53) 3-Nitroaniline	9.780	138	33722	19.315	ng	98
54) 2,4-Dinitrophenol	9.886	184	77277	88.107	ng	98
55) Dibenzofuran	10.033	168	488893	41.187	ng	100
56) 4-Nitrophenol	9.945	139	106987	81.376	ng	96
57) 2,4-Dinitrotoluene	10.016	165	110919	44.063	ng	96
58) Fluorene	10.375	166	373899	40.180	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	105759m	40.685	ng	
60) Diethylphthalate	10.257	149	378251	42.224	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	189539	40.978	ng	96
62) 4-Nitroaniline	10.404	138	67207	40.216	ng	95
63) Azobenzene	10.533	77	392228	39.534	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	57093	47.536	ng	94
66) n-Nitrosodiphenylamine	10.492	169	319433	46.276	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	117803	47.192	ng	94
68) Hexachlorobenzene	10.922	284	126138	45.239	ng	96
69) Atrazine	11.027	200	106152	46.584	ng	98
70) Pentachlorophenol	11.122	266	143205	89.595	ng	98
71) Phenanthrene	11.345	178	518687	43.643	ng	100
72) Anthracene	11.392	178	519957	41.974	ng	99
73) Carbazole	11.551	167	406365	39.253	ng	99
74) Di-n-butylphthalate	11.892	149	514584	45.982	ng	99
75) Fluoranthene	12.533	202	516049	41.495	ng	99
77) Benzidine	12.663	184	124445	46.586	ng	98
78) Pyrene	12.763	202	515588	35.964	ng	99
80) Butylbenzylphthalate	13.398	149	184301	50.254	ng	97
81) Benzo(a)anthracene	13.963	228	462378	43.765	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	91784	31.887	ng	99
83) Chrysene	13.998	228	448835	43.212	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	250103	58.618	ng	100
85) Di-n-octyl phthalate	14.586	149	458696	67.613	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	373453	32.110	ng	99
88) Benzo(b)fluoranthene	15.015	252	471978	46.360	ng	99
89) Benzo(k)fluoranthene	15.051	252	447625	41.561	ng	100
90) Benzo(a)pyrene	15.392	252	413207	43.128	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	295170	31.673	ng	99
92) Benzo(g,h,i)perylene	17.398	276	275711	30.144	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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